

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01S15/89 A61B8/06 A61B8/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01S A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 116 244 A (HOSSACK ET AL) 12 September 2000 (2000-09-12) column 1, line 56 - column 2, line 6 column 3, line 32 - line 43 column 8, line 30 - line 39 -----	10-19
X	US 6 177 923 B1 (ARENSON JAMES W ET AL) 23 January 2001 (2001-01-23) column 2, line 36 - column 6, line 33 column 9, line 53 - line 64 column 18, line 41 - line 60 column 20, line 43 - line 53 ----- --/--	10-19

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

4 February 2005

Date of mailing of the international search report

14/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Abraham, V

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 720 291 A (SCHWARTZ ET AL) 24 February 1998 (1998-02-24) column 2, line 9 - line 38 column 3, line 42 - line 65 column 4, line 51 - line 65 figures 1,2 -----	10
A	US 2003/114759 A1 (SKYBA DANNY M ET AL) 19 June 2003 (2003-06-19) cited in the application paragraph '0007! -----	10
A	US 6 352 509 B1 (KAWAGISHI TETSUYA ET AL) 5 March 2002 (2002-03-05) column 1, line 45 - column 3, line 57 column 8, line 16 - line 57 -----	10
A	US 2002/055681 A1 (AVERKIOU MICHALAKIS ET AL) 9 May 2002 (2002-05-09) paragraph '0008! -----	10
A	EP 1 314 398 A (KABUSHIKI KAISHA TOSHIBA) 28 May 2003 (2003-05-28) paragraphs '0008! - '0013! paragraph '0081! - paragraph '0088! -----	10

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB2004/052505

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 1-9  
because they relate to subject matter not required to be searched by this Authority, namely:  
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery. The claimed method may include the surgical step of injecting contrast agents.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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